

Table ENG-4. - Building Site Development

Campbell County and the City of Lynchburg, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AbB:							
Abell	85	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave Depth to saturated zone	1.00 0.99	Not limited	
Worsham	3	Not Rated		Not Rated		Not Rated	
AeB:							
Abell	85	Very limited Low strength Shrink-swell	1.00 0.50	Very limited Cutbanks cave Depth to saturated zone	1.00 0.99	Not limited	
Worsham	3	Not Rated		Not Rated		Not Rated	
AgB:							
Appling	85	Very limited Low strength	1.00	Very limited Cutbanks cave Too clayey	1.00 0.28	Somewhat limited Gravel content Content of large stones	0.04 <0.01
AgC:							
Appling	85	Very limited Low strength Slope	1.00 0.37	Very limited Cutbanks cave Slope Too clayey	1.00 0.37 0.28	Somewhat limited Slope Gravel content Content of large stones	0.37 0.04 <0.01
ApB:							
Appling	85	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	
ApC2:							
Appling	85	Very limited Low strength Slope	1.00 0.37	Somewhat limited Slope Too clayey Cutbanks cave	0.37 0.28 0.10	Somewhat limited Slope 0.37	
AwE2:							
Appling	45	Very limited Slope Low strength	1.00 1.00	Very limited Slope Cutbanks cave Too clayey	1.00 1.00 0.28	Very limited Slope Gravel content Content of large stones	1.00 0.04 <0.01

Table ENG-4. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AwE2:							
Wedowee	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10	Gravel content	0.08
AxE2:							
Appling	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.28		
				Cutbanks cave	0.10		
Wedowee	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10		
BrD:							
Bremo	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to bedrock	0.46
		Slope	0.37	Slope	0.37	Slope	0.37
				Cutbanks cave	0.10	Droughty	0.33
BrE:							
Bremo	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Slope	1.00	Depth to bedrock	0.46
				Cutbanks cave	0.10	Droughty	0.33
BrF:							
Bremo	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Slope	1.00	Depth to bedrock	0.46
				Cutbanks cave	0.10	Droughty	0.33
Bu:							
Buncombe	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Cutbanks cave	1.00	Flooding	1.00
				Flooding	0.80	Droughty	0.97
Wet spots	3	Not Rated		Not Rated		Not Rated	
CcB2:							
Cecil	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
				Cutbanks cave	0.10		
CcC2:							
Cecil	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Slope	0.37	Slope	0.37		
				Cutbanks cave	0.10		

Table ENG-4. - Building Site Development - Continued

Campbell County and the City of Lynchburg, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CcE2: Cecil	85	Very limited Slope Low strength	1.00 1.00	Very limited Slope Too clayey Cutbanks cave	1.00 0.50 0.10	Very limited Slope	1.00
CdC: Cecil	85	Very limited Low strength Slope	1.00 0.37	Somewhat limited Too clayey Slope Cutbanks cave	0.50 0.37 0.10	Very limited Content of large stones Slope	1.00 0.37
CeB3: Cecil	85	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.50 0.10	Not limited	
CeD3: Cecil	85	Very limited Low strength Slope	1.00 0.37	Somewhat limited Too clayey Slope Cutbanks cave	0.50 0.37 0.10	Somewhat limited Slope	0.37
CeE3: Cecil	85	Very limited Slope Low strength	1.00 1.00	Very limited Slope Too clayey Cutbanks cave	1.00 0.50 0.10	Very limited Slope	1.00
CfL: Cut and fill land	100	Not Rated		Not Rated		Not Rated	
Ch: Chewacla	85	Very limited Flooding Low strength Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.80 0.10	Very limited Flooding Depth to saturated zone	1.00 1.00
Riverview	4	Not Rated		Not Rated		Not Rated	
Wehadkee	4	Not Rated		Not Rated		Not Rated	
Toccoa	3	Not Rated		Not Rated		Not Rated	
Ct:							

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Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ct:							
Chewacla	45	Very limited		Very limited		Very limited	
		Flooding	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Low strength	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
Toccoa	30	Very limited		Somewhat limited		Very limited	
		Flooding	1.00	Flooding	0.80	Flooding	1.00
				Depth to saturated zone	0.73		
				Cutbanks cave	0.10		
Roanoke	4	Not Rated		Not Rated		Not Rated	
Wehadkee	4	Not Rated		Not Rated		Not Rated	
Riverview	3	Not Rated		Not Rated		Not Rated	
CuB:							
Cullen	85	Very limited		Very limited		Not limited	
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	0.50	Cutbanks cave	0.10		
CuC2:							
Cullen	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
CuE2:							
Cullen	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	0.50	Cutbanks cave	0.10		
CxB3:							
Cullen	85	Very limited		Very limited		Not limited	
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	0.50	Cutbanks cave	0.10		
CxC3:							
Cullen	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
CxE3:							

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CxE3:							
Cullen	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	0.50	Cutbanks cave	0.10		
DoA:							
Dogue	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.03
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Flooding	0.40				
Wet spots	3	Not Rated		Not Rated		Not Rated	
DoB:							
Dogue	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.03
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Flooding	0.40				
Wet spots	3	Not Rated		Not Rated		Not Rated	
Eb:							
Elbert	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	1.00	Cutbanks cave	0.10		
Roanoke	4	Not Rated		Not Rated		Not Rated	
Frequently flooded	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
EnB:							
Enon	85	Very limited		Very limited		Not limited	
		Low strength	1.00	Cutbanks cave	1.00		
		Shrink-swell	1.00	Too clayey	0.32		
EnC2:							
Enon	85	Very limited		Very limited		Not limited	
		Low strength	1.00	Cutbanks cave	1.00		
		Shrink-swell	1.00	Too clayey	0.32		
FIB2:							
Fluvanna	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		

FIC2:

Table ENG-4. - Building Site Development - Continued

Campbell County and the City of Lynchburg, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
FIC2:							
Fluvanna	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
FIE2:							
Fluvanna	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Fo:							
Forestdale	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Depth to saturated	1.00	Flooding	1.00
		Low strength	1.00	zone		Depth to saturated	0.94
		Shrink-swell	1.00	Flooding	0.80	zone	
				Too clayey	0.50		
Wehadkee	5	Not Rated		Not Rated		Not Rated	
Wahee	3	Not Rated		Not Rated		Not Rated	
GeB2:							
Georgeville	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
				Cutbanks cave	0.10		
GeC2:							
Georgeville	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Slope	0.37	Slope	0.37		
				Cutbanks cave	0.10		
GeE2:							
Georgeville	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.50		
				Cutbanks cave	0.10		
GrB:							
Georgeville	45	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
				Cutbanks cave	0.10		
Brockroad	40	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.72		
		Shrink-swell	0.50	Cutbanks cave	0.10		

GwB:

Table ENG-4. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
GwB:							
Gwinnett variant	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.28		
				Cutbanks cave	0.10		
GwC:							
Gwinnett variant	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Slope	0.37	Too clayey	0.28		
				Cutbanks cave	0.10		
HaB:							
Helena	85	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	0.75
		Low strength	1.00	zone		zone	
		Depth to saturated	0.75	Too clayey	0.28		
		zone		Cutbanks cave	0.10		
HaC:							
Helena	85	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	0.75
		Low strength	1.00	zone		zone	
		Depth to saturated	0.75	Slope	0.37	Slope	0.37
		zone		Too clayey	0.28		
HdB:							
Herndon	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.28		
				Cutbanks cave	0.10		
HdC:							
Herndon	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.28		
				Cutbanks cave	0.10		
HwB2:							
Hiwassee	85	Very limited		Very limited		Not limited	
		Low strength	1.00	Cutbanks cave	1.00		
				Too clayey	0.28		
HwC2:							
Hiwassee	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Cutbanks cave	1.00	Slope	0.37
		Slope	0.37	Slope	0.37		
				Too clayey	0.28		
HwE2:							

Table ENG-4. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
HwE2:							
Hiwassee	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	1.00		
				Too clayey	0.28		
IrB:							
Iredell	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	1.00
		Low strength	1.00	zone		zone	
		Depth to saturated	1.00	Too clayey	0.50		
		zone		Cutbanks cave	0.10		
Elbert	5	Not Rated		Not Rated		Not Rated	
IrB2:							
Iredell	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	1.00
		Low strength	1.00	zone		zone	
		Depth to saturated	1.00	Too clayey	0.50		
		zone		Cutbanks cave	0.10		
Elbert	5	Not Rated		Not Rated		Not Rated	
IrC:							
Iredell	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	1.00
		Low strength	1.00	zone		zone	
		Depth to saturated	1.00	Too clayey	0.50		
		zone		Cutbanks cave	0.10		
IrC2:							
Iredell	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	1.00
		Low strength	1.00	zone		zone	
		Depth to saturated	1.00	Too clayey	0.50		
		zone		Cutbanks cave	0.10		
LoD:							
Louisburg	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Depth to hard bedrock	1.00	Slope	0.37
				Slope	0.37		
				Cutbanks cave	0.10		
LoE:							
Louisburg	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to hard bedrock	1.00		
				Cutbanks cave	0.10		
LoF:							

Table ENG-4. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
LoF:							
Louisburg	85	Very limited Slope	1.00	Very limited Slope Depth to hard bedrock Cutbanks cave	1.00 1.00 0.10	Very limited Slope	1.00
MaB2:							
Madison	85	Not limited		Somewhat limited Depth to hard bedrock Cutbanks cave	0.61 0.10	Not limited	
MaC2:							
Madison	85	Somewhat limited Slope	0.37	Somewhat limited Depth to hard bedrock Slope Cutbanks cave	0.61 0.37 0.10	Somewhat limited Slope	0.37
MaE2:							
Madison	85	Very limited Slope	1.00	Very limited Slope Depth to hard bedrock Cutbanks cave	1.00 0.61 0.10	Very limited Slope	1.00
McD:							
Manteo	85	Very limited Depth to hard bedrock Slope	1.00 0.37	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 0.37 0.10	Very limited Depth to bedrock Droughty Slope	1.00 1.00 0.37
McE:							
Manteo	85	Very limited Depth to hard bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
McF:							
Manteo	85	Very limited Depth to hard bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
MnE:							
Manteo	45	Very limited Depth to hard bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
Rock outcrop	40	Not Rated		Not Rated		Not Rated	

MpB:

Table ENG-4. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MpB:							
Masada	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
MpC:							
Masada	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.13		
		Slope	0.37	Cutbanks cave	0.10		
MrB:							
Masada	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.13	Gravel content	0.28
		Shrink-swell	0.50	Cutbanks cave	0.10		
MrC:							
Masada	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.13	Gravel content	0.28
		Shrink-swell	0.50	Cutbanks cave	0.10		
MsB2:							
Masada	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
MsC2:							
Masada	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.13	Slope	0.04
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
MtB:							
Masada	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Elbert	3	Not Rated		Not Rated		Not Rated	
Worsham	2	Not Rated		Not Rated		Not Rated	
MwB:							
Mayodan	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
				Cutbanks cave	0.10		
MwC:							

Table ENG-4. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MwC:							
Mayodan	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Slope	0.37	Too clayey	0.13		
				Cutbanks cave	0.10		
MyB2:							
Mayodan	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
				Cutbanks cave	0.10		
MyC2:							
Mayodan	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Slope	0.37	Too clayey	0.13		
				Cutbanks cave	0.10		
MzB2:							
Mecklenburg	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
MzC2:							
Mecklenburg	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
MzE2:							
Mecklenburg	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
NaB:							
Nason	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Too clayey	0.02		
NaC:							
Nason	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Slope	0.37	Too clayey	0.02		
NaE:							
Nason	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Too clayey	0.02		

Table ENG-4. - Building Site Development - Continued

Campbell County and the City of Lynchburg, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
PeA:							
Penn	85	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave Depth to soft bedrock	0.10 0.03	Somewhat limited Depth to bedrock	0.03
Roanoke	3	Not Rated		Not Rated		Not Rated	
PeB:							
Penn	85	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave Depth to soft bedrock	0.10 0.03	Somewhat limited Depth to bedrock	0.03
PeC:							
Penn	85	Somewhat limited Frost action Slope	0.50 0.37	Somewhat limited Slope Cutbanks cave Depth to soft bedrock	0.37 0.10 0.03	Somewhat limited Slope Depth to bedrock	0.37 0.03
PkB:							
Pinkston	85	Not limited		Very limited Cutbanks cave Depth to hard bedrock	1.00 1.00	Not limited	
PkD:							
Pinkston	85	Somewhat limited Slope	0.37	Very limited Cutbanks cave Depth to hard bedrock Slope	1.00 1.00 0.37	Somewhat limited Slope	0.37
PpE:							
Pinkston	45	Very limited Slope	1.00	Very limited Slope Cutbanks cave Depth to hard bedrock	1.00 1.00 1.00	Very limited Slope	1.00
Penn	40	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave Depth to soft bedrock	1.00 0.10 0.03	Very limited Slope Depth to bedrock	1.00 0.03
Qu:							
Quarry mine	100	Not Rated		Not Rated		Not Rated	
Re:							
Riverview	85	Very limited Flooding Low strength	1.00 0.22	Somewhat limited Flooding Depth to saturated zone Cutbanks cave	0.80 0.61 0.10	Very limited Flooding	1.00

Table ENG-4. - Building Site Development - Continued

Campbell County and the City of Lynchburg, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Re:							
Chewacla	4	Not Rated		Not Rated		Not Rated	
Toccoa	4	Not Rated		Not Rated		Not Rated	
Frequently flooded	3	Not Rated		Not Rated		Not Rated	
Ro:							
Roanoke	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.50		
Elbert	5	Not Rated		Not Rated		Not Rated	
StA:							
State	85	Very limited		Somewhat limited		Somewhat limited	
		Flooding	1.00	Flooding	0.60	Flooding	0.60
				Depth to saturated zone	0.15		
				Cutbanks cave	0.10		
Wet spots	3	Not Rated		Not Rated		Not Rated	
StB:							
State	85	Very limited		Somewhat limited		Somewhat limited	
		Flooding	1.00	Flooding	0.60	Flooding	0.60
				Depth to saturated zone	0.15		
				Cutbanks cave	0.10		
Wet spots	3	Not Rated		Not Rated		Not Rated	
TaD:							
Tallapoosa	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Depth to soft bedrock	0.46	Depth to bedrock	0.46
				Slope	0.37	Slope	0.37
				Cutbanks cave	0.10		
TaE:							
Tallapoosa	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.46	Depth to bedrock	0.46
				Cutbanks cave	0.10		
TaF:							
Tallapoosa	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.46	Depth to bedrock	0.46
				Cutbanks cave	0.10		

Table ENG-4. - Building Site Development - Continued

Campbell County and the City of Lynchburg, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
TIB:							
Tatum	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
TIC2:							
Tatum	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
TIE2:							
Tatum	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
TmD3:							
Tatum	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
TmE3:							
Tatum	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
To:							
Toccoa	85	Very limited		Somewhat limited		Very limited	
		Flooding	1.00	Flooding	0.80	Flooding	1.00
				Depth to saturated zone	0.73		
				Cutbanks cave	0.10		
Chewacla	4	Not Rated		Not Rated		Not Rated	
Frequently flooded	3	Not Rated		Not Rated		Not Rated	
TuB:							
Turbeville	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
TuC2:							
Turbeville	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.13		
		Slope	0.37	Cutbanks cave	0.10		

Table ENG-4. - Building Site Development - Continued

Campbell County and the City of Lynchburg, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
UL:							
Urban land	100	Not Rated		Not Rated		Not Rated	
UNC:							
Urban land	50	Not Rated		Not Rated		Not Rated	
Cecil	30	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.04
		Slope	0.04	Cutbanks cave	0.10		
				Slope	0.04		
URC:							
Urban land	50	Not Rated		Not Rated		Not Rated	
Cullen	30	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.04
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
USC:							
Urban land	50	Not Rated		Not Rated		Not Rated	
Madison	30	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.04	Depth to hard bedrock	0.61	Slope	0.04
				Cutbanks cave	0.10		
				Slope	0.04		
VaB:							
Vance	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
VaB2:							
Vance	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
VaC2:							
Vance	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
W:							
Water	100	Not Rated		Not Rated		Not Rated	
Wa:							

Table ENG-4. - Building Site Development - Continued

Campbell County and the City of Lynchburg, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Wa:							
Wahee	45	Very limited		Very limited		Very limited	
		Flooding	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Low strength	1.00	Cutbanks cave	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	0.80		
Augusta	35	Very limited		Very limited		Very limited	
		Flooding	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Low strength	1.00	Cutbanks cave	1.00	Depth to saturated zone	0.75
		Depth to saturated zone	0.75	Flooding	0.80		
Chewacla	3	Not Rated		Not Rated		Not Rated	
Forestdale	3	Not Rated		Not Rated		Not Rated	
Wehadkee	3	Not Rated		Not Rated		Not Rated	
Wd:							
Wehadkee	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Cutbanks cave	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Flooding	0.80		
Chewacla	4	Not Rated		Not Rated		Not Rated	
Forestdale	4	Not Rated		Not Rated		Not Rated	
WeA:							
White Store	85	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
		Low strength	1.00	Too clayey	0.88		
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
Roanoke	3	Not Rated		Not Rated		Not Rated	
WeB:							
White Store	85	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
		Low strength	1.00	Too clayey	0.88		
		Depth to saturated zone	0.94	Cutbanks cave	0.10		

WgA:

Table ENG-4. - Building Site Development - Continued

Campbell County and the City of Lynchburg, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WgA:							
White Store	85	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	0.94
		Low strength	1.00	zone		zone	
		Depth to saturated	0.94	Too clayey	0.88		
		zone		Cutbanks cave	0.10		
Roanoke	3	Not Rated		Not Rated		Not Rated	
WgB:							
White Store	85	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	0.94
		Low strength	1.00	zone		zone	
		Depth to saturated	0.94	Too clayey	0.88		
		zone		Cutbanks cave	0.10		
WhA:							
White Store variant	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	1.00
		Low strength	1.00	zone		zone	
		Depth to saturated	1.00	Too clayey	0.88	Depth to bedrock	0.21
		zone		Depth to soft bedrock	0.20		
Roanoke	3	Not Rated		Not Rated		Not Rated	
WhB:							
White Store variant	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	1.00
		Low strength	1.00	zone		zone	
		Depth to saturated	1.00	Too clayey	0.88	Depth to bedrock	0.21
		zone		Depth to soft bedrock	0.20		
WkB:							
Wilkes	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.54	Depth to hard bedrock	1.00	Depth to bedrock	0.54
		Low strength	0.22	Cutbanks cave	0.10		
WkD:							
Wilkes	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.54	Depth to hard bedrock	1.00	Depth to bedrock	0.54
		Slope	0.37	Slope	0.37	Slope	0.37
		Low strength	0.22	Cutbanks cave	0.10		
WkE:							
Wilkes	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.54	Slope	1.00	Depth to bedrock	0.54
		Low strength	0.22	Cutbanks cave	0.10		

WkF:

Table ENG-4. - Building Site Development - Continued

Campbell County and the City of Lynchburg, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WkF:							
Wilkes	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.54	Slope	1.00	Depth to bedrock	0.54
		Low strength	0.22	Cutbanks cave	0.10		
WIE3:							
Wilkes	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.54	Slope	1.00	Depth to bedrock	0.54
		Low strength	0.22	Cutbanks cave	0.10		
WoB:							
Worsham	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Too clayey	0.03		
Frequently flooded	4	Not Rated		Not Rated		Not Rated	
Elbert	3	Not Rated		Not Rated		Not Rated	